

# Hydrogen: Fueling the Sustainable Future

Join us for the Irvine Clean Energy Conference (ICEC)

**ICEC 2024, DAY ONE**

**Tuesday, 17 September 2024**

<i>Morning</i>	<i>Clean Energy Science to Application Research @ UCI</i>	<i>Organization</i>	<i>Presentation Topic</i>
8:00am	Shane Ardo	UCI	Climate Change Mitigation using the Sun and the Sea
8:30am	Jenny Yang	UCI	Science of Carbon Capture
9:00am	Plamen Atanassov	UCI	Electrocatalysts for a Key Electrochemical Decarbonization Technologies
9:30am	Yu Morimoto (Zenyuk Group)	UCI	Fuel Cell and Electrolysis Cells

10:00am *BREAK*

10:30am	Jack Brouwer	UCI	FC and Electrolysis
11:00am	Jeff Reed	UCI	Techno-Economics of Hydrogen
11:30am	Mike Mac Kinnon	UCI	Clean Energy Achieves Clean Air

12:00pm *LUNCH*

<i>Afternoon</i>	<i>Agency, Association &amp; Industry Perspectives</i>	<i>Organization</i>	<i>Presentation Topic</i>
1:00pm	Sunita Satyapal	DOE HFTO of EERE	TBD
1:20pm	Jai-Woh Kim	DOE FECM	TBD
1:40pm	Andrew Martinez (TBD)	California Air Resources Board	TBD
2:00pm	Aaron Katzenstein	South Coast Air Quality Management District	Air Quality in Southern California and Roles for Hydrogen
2:20pm	Katrina Fritz	California Hydrogen Business Council	Decarbonizing California with Hydrogen
2:40pm	Tim Sasseen	Ballard	Fuel cell electric buses: market update and innovation potentials

3:00pm *BREAK*

3:20pm	Luke Wentlent	PlugPower	TBD
3:40pm	Hossein Ghezeli-Ayagh	FuelCell Energy	Solid Oxide Systems for Power Generation, Electrolysis and Energy Storage
4:00pm	Tim Brown	First Element Fuel	Challenges and Opportunities in Hydrogen Refueling
4:20pm	Christina Johnston	Robert Bosch LLC	TBD
4:40pm	Rick Rooney	HORIBA	TBD

5:00pm *ADJOURN*

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## ICEC 2024, DAY TWO

Wednesday, 18 September 2024

<i>Morning</i>	<i>Clean Energy Science to Application Research @ UCI</i>	<i>Organization</i>	<i>Presentation Topic</i>
8:00am	Voja Stamekovic	UCI	Science of Electrocatalysis
8:30am	Maxx Arguilla (TBD)	UCI	Science of materials that exhibit nanoscale confinement in bulk or macroscale constructs
9:00am	Sara Finkeldei (TBD)	UCI	Science of Nuclear materials
9:30am	Bihter Padak	UCI	Effect of Hydrogen Addition into Natural Gas on Selective Catalytic Reduction of NOx for Stationary Power Applications

10:00am *BREAK*

10:30am	Vince McDonell	UCI	H2 impacts on appliance combustion emissions
11:00am	Ben Hudson (TBD)	UCI	Roll out of HD stations (STREET)
11:30am	TBD	UCI	TBD

12:00pm *LUNCH*

<i>Afternoon</i>	<i>ARCHES Session</i>	<i>Organization</i>	<i>Presentation Topic</i>
1:00pm	Angelina Galiteva	ARCHES	TBD
1:20pm	Lorraine Paskett	Air Products	TBD
1:40pm	Jason Caudle	Lancaster Energy	TBD
2:00pm	Heather Tomley	Port of Long Beach	Potential for Hydrogen at Port of Long Beach
2:20pm	Michael Galvin (TBD)	Port of Los Angeles	TBD
2:40pm	Allen Toweill	Chevron	Chevron's Approach to Hydrogen

3:00pm *BREAK*

	<i>Utility and Industry Perspectives</i>		
3:20pm	Yuri Freedman	SoCalGas	A vision for building California's hydrogen economy
3:40pm	Jamie Randolph	PG&E	TBD
4:00pm	Melanie Davidson	SDG&E	Hydrogen at SDG&E
4:20pm	Martin Howell	ARUP	TBD
4:40pm	Tom Swenson	Cummins	TBD

5:00pm *ADJOURN*